



b/g/n Embedded Antenna for WLAN 2.4G+5G

STANDARD / SPECIFICATION

Frequency Range : 2400~2500 / 5150~5875 MHz

Impedance : 50Ω

VSWR : ≤ 2.0

Return Loss : ≤ -10 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization

Connector : I-PEX/Molex/ Customization available

Dimensions : 27 x 8.5 x 0.4(T) mm / Customization available

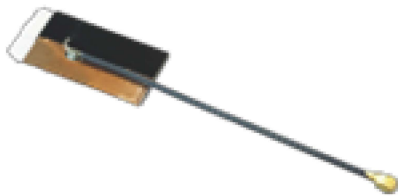
Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : PCB

Cable Type : OD1.13 GRAY

Cable Length : 48mm/Customization



Chamber Test

Channel	2400	2450	2500	5150	5250	5450	5550	5725	5850
Note									
Ant. Port Input Pwr. (dBm)	0	0	0	0	0	0	0	0	0
Tot. Rad. Pwr. (dBm)	-2.32277	-2.2655	-2.27604	-3.08695	-2.69304	-2.68919	-3.28054	-3.51296	-3.51128
Peak EIRP (dBm)	1.44585	1.94335	1.53901	1.64237	1.91103	2.62424	1.94627	1.59652	2.02554
Directivity (dBi)	3.76862	4.20886	3.81505	4.72932	4.60407	5.31344	5.22682	5.10947	5.53682
Efficiency (dB)	-2.32277	-2.2655	-2.27604	-3.08695	-2.69304	-2.68919	-3.28054	-3.51296	-3.51128
Efficiency (%)	58.5764	59.3539	59.2101	49.1253	53.7893	53.837	46.9835	44.5353	44.5525

Return Loss



VSWR

